PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Col	mplete if Known	
Application Number	10/707,698	
Filing Date	August 15, 2003	
First Named Inventor	Williams et al.	
Art Unit	3679	
Examiner Name	E. Nicholson	
Attorney Docket Number	22188/06727	

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (F Incom)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
VP		^{US-} 388,522	08/1888	Beauchemin	
1		^{US-} 1,323,705	12/1919	Lynch	
		^{US-} 1,874,284	08/1932	Goodall et al.	
		^{US-} 2,150,042	03/1939	Shultz	
		^{US-} 2,171,217	08/1939	Kreidel	
		US- 2,179,127	11/1939	Lauer	
		US- 2,182,811	12/1939	Kocher	
		us- 2,437,632	03/1948	Wolfram	
		^{US-} 2,506,838	5/1950	Leonard	
		US- 2,251,717	08/1941	Parker	
		^{US-} 2,330,841	10/1943	Parker	
		^{US-} 2,344,032	03/1944	Eden	
		^{US-} 5,183,322	02/1993	Haruch	
		us- 2,463,707	08/1949	Matousek	
		US- 2,484,815	10/1949	Crawford	
		us- 2,579,529	12/1951	Woodling	
		^{US-} 2,641,487	06/1953	LaMarre	
		^{US-} 2,687,315	08/1954	Courtot	
VP		^{US-} 2,701,149	02/1955	Kreidel et al.	

		FORE	IGN PATENT DOC	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Pessages	
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VP						
		DE 2735477	02/1978	Sundholm		
		DE 4041679	06/1992	Voss		Г
		DE 4211498	10/1993	EM-Technik		Г
		DE 4219722	12/1993	Lehmann		Γ
MP		DE 4238877	05/1994	Lehmann		Г

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Examiner Signature	ush	M	1	af 6	H	~ 1 .	Date Considered	8	12/	05

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Complete if Known Substitute for form 1449/PTO **Application Number** 10/707,698 Filing Date August 15, 2003 INFORMATION DISCLOSURE First Named Inventor Williams et al. STATEMENT BY APPLICANT Art Unit 3679 (Use as many sheets as necessary) E. Nicholson Examiner Name 22188/06727

S	neet	2	of 7		Attorney Docket Number	22188/06727
				U. S. PATEN	T DOCUMENTS	
Exam Initials		Cite No. ¹	Document Number Number-Kind Code ² (f known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Docum	
\overline{V}	P			10/1994	Behrens et al.	
			^{US-} 2,744,651	05/1956	Bredstchneider	
			us- 2,749,152	06/1956	Courtot	
			^{US-} 3,075,793	01/1963	Lennon et al.	
			^{US-} 3,103,373	09/1963	Lennon et al.	
			^{US-} 3,120,696	02/1964	Lubkin	
			^{US-} 5,482,232	01/1996	Ohmi et al.	
			^{US-} 5,882,050	03/1999	Williams et al.	
	П		^{US-} 3,250,550	05/1966	Lyon	
			^{US-} 3,275,350	09/1966	Kody	
			^{US-} 3,290,069	12/1966	Davis	
			^{US-} 5,934,714	08/1999	Sugiyama et al.	
			^{US-} 3,336,058	08/1967	Franck	
			us-6,073,976	06/2000	Schmidt et al.	
			US- 3,445,128	05/1969	Teeters	
			us- 3,484,123	12/1969	van der Velden	
	П		^{US-} 3,584,900	06/1971	Lennon et al.	
-/	$\overline{}$		^{US-} 6,131,963	10/2000	Williams et al.	
V	P		^{US-} 3,707,302	12/1972	Hiszpanski	

		FORE	IGN PATENT DOCL	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
110.		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T⁰
\vP		DE 4304534	08/1994	Lehmann		
1		EP 071678	02/1983	Deere & Co.		
		EP 223185	05/1987	Norbert		
		EP 484091	05/1992	Crawford		
7		EP 489289	06/1992	Parker		
VP		EP 528079 , /	02/1993	Aerogroup		

Date Considered Signature

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(Use as many sheets as necessary)	Examiner Name E. Nicholson	_
Sheet 3 of 7	Attorney Docket Number 22188/06727	

			U. S. PATENT	DOCUMENTS	
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VP		^{US-} 3,736,008	05/1973	Crawford	
``		^{US-} 3,787,080	01/1974	Daniel	
1		US- 6,345,845	02/2002	Johnston	
		US- 3,970,337	07/1976	Niemeyer	
		^{US-} 4,005,824	02/1977	Becker et al.	
		^{US-} 4,037,864	07/1977	Anderson et al.	
		^{US-} 6,629,708	10/2003	Williams et al.	
		US- 4,230,349	10/1980	Normark	
		^{US-} 4,235,461	11/1980	Normark	
		US- 4,361,283	11/1982	Hetherington et al.	
		^{US-} 2004/0113429	06/2004	Williams et al.	
	1	^{US-} 5,083,749	01/1992	Linderman et al.	
		^{US-} 4,702,420	10/1987	Rath	
		^{US-} 4,826,218	05/1989	Zahuranec	
		US- 4,915,427	04/1990	Zahuranec	
		US- 4,995,646	02/1991	Johnston et al.	
	1	^{US-} 5,027,489	07/1991	Johnston	
VP		US- 5,074,599	12/1991	Wirbel et al.	
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		FORE	IGN PATENT DOC!	JMENTS		
Examiner Cite Initials* No.1		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages			
muais 140.		Country Code ³ "Number ⁴ "Kind Code ⁶ (# known)	MM-DD-YYYY		Or Relevant Figures Appear	יַן
VP		EP 1406039	04/2004	Swagelok		
1		FR 757204	12/1933	Angelterre		
		FR 1092160	04/1955	Grande-Beaumont		
		FR 1170298	01/1959	St. Clair		
		GB 836002	06/1960	KAC Ltd.		L
VP		GB 1130835	10/1968	Parker-Hannifin		

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Sheet 4

Attorney Docket Number

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan
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Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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Vρ		GB 2032555	05/1980	Olov Magnus		
i		GB 2080900	02/1982	Waverly		
		JP 5079586	03/1993	Sekisui		
		JP 3079892	04/1991	Miura Yoshihisa		
		JP 3229090	10/1991	Riyouden Serv.		
JP		JP 7055973	03/1995	NTN Corp.		

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	-		U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan
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VP		JP 7110084	04/1995	Hitachi Metals				
T		JP 8093975	04/1996	Hitachi Metals				
\neg		JP 8145251	06/1996	Fuji Gokin				
		JP 8210567	08/1996	Hitachi Metals				
		NL 6710340	01/1968	Grassel				
VP		WO 89/09904	10/1989	Nords				

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Sheet 6

			U. S. PATENT D	OCUMENTS	
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		FORE	IGN PATENT DOC	JMENTS		
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		Country Code ³ Number ⁶ Kind Code ⁵ (if known)			Or Relevant Figures Appear	14
VP		WO 93/25837	12/1993	Lehmann		
1		WO 97/07356	02/1997	Frolich		
		WO 97/20163	06/1997	Minerdo		
		WO 98/32999	07/1998	Swagelok		
		WO 98/46925	10/1998	Swagelok		
VP		WO 01/73333	10/2001	Swagelok		

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Sheet 7 **U. S. PATENT DOCUMENTS** Examiner **Document Number Publication Date** Name of Patentee or Pages, Columns, Lines, Where Initials* No. MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant Number-Kind Code² (I troom Figures Appear US-US-US-119 IIS. us. US. US-US-US-US-US-US-UŞ-US-US-US-

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VP		AU 110622	05/1940	Patex		┢╾
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(Use as many sheets as necessary)

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Sheet 1

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